

SYSTEM AND METHOD FOR EFFICIENTLY PERFORMING
A STORAGE MANAGEMENT PROCEDURE

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ABSTRACT OF THE DISCLOSURE

A system and method for efficiently performing a storage management procedure may preferably include an audio-video recorder that is configured to receive audio and video data from a data source, and responsively store the received data into a non-volatile storage medium, such as a hard disk drive. A storage manager may preferably be configured to control the storage management procedure by selectively activating a data transcoding procedure that transcodes specified segments of the received data to thereby increase available storage space in the storage medium. The data transcoding procedure may preferably include an immediate mode during which transcoding occurs while data is initially being received by the audio-video recorder. The data transcoding procedure may also preferably include a mediate mode during which transcoding occurs when data is not currently being received by the audio-video recorder.

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